

ABSTRACT

A portable data storage/audio reproduction apparatus comprising a power supply 36 for supplying operating power to the reproduction apparatus, a key input unit 10 for inputting a plurality of key signals, a personal computer 12 for downloading and storing audio data and various information data through Internet or PC communication, a flash memory 14 for storing the audio data and various information data from the personal computer 12, a microphone 16 for converting external input voice or sound into an electrical signal, an FM radio receiver 18 for receiving a desired band of FM radio signals, a CPU 20 for generating a plurality of control signals, an LCD 22 for providing a visual indication of output data from the CPU 20, a digital signal processor 24 for processing input/output digital signals to/from the CPU 20, an audio codec 26 for performing audio coding/decoding operations, an audio input/output unit 28 for receiving an external analog audio signal, transferring it to the audio codec 26, receiving an analog audio signal from the audio codec and outputting it externally, a radio frequency transmitter 30 for modulating the analog audio signal from the audio codec into a radio frequency signal to remotely transmit it, and an equalizer 35 for compensating for a distortion of output audio data from the reproduction apparatus.